



KONICA MINOLTA

magicolor 7450 II



DO BUSINESS BETTER



CONNECT_

COMMUNICATE_

CONTROL_

THE COLOR LASER PRINTER WITH MORE.

More versatility. More speed. More color for business and design. The magicolor® 7450 II large-format laser printer gives you brilliant color at high speed for your creative concepts and 'business as usual' pages. With an Emperon® Print System, 733 MHz G4 processor and the ability to print up to 120,000 pages per month, the magicolor 7450 II has the power to serve diverse workgroups of PC and Mac users with speeds up to 24.5 ppm color and B&W. Konica Minolta's own Simitr® toner formula and 9600 x 600 dpi-class PhotoART Contone resolution ensure prints look fabulous, with true-to-life, vibrant color. And there's virtually no limit to what it can print—supporting pages up to banner size, plain paper to thick stock. Make the most of everything you print with the magicolor 7450 II.

The essentials of imaging

magicolor 7450 II

- 24.5* PPM COLOR AND B&W FOR FAST DOCUMENT DELIVERY
- FIRST PAGE OUT IN 8.2 SECONDS (B&W), 11.4 SECONDS (COLOR)
- BOLD 9600 X 600 DPI-CLASS PHOTOART CONTONE COLOR
- HIGH-PERFORMANCE 733 MHZ G4 PROCESSOR & EMPERON PRINT SYSTEM
- IMAGE CMYK GRAY FEATURE FOR PURE BLACK NON-TEXT OBJECTS
- 256 MB DDR SDRAM STD./1024 MB MAX., OPTIONAL 40 GB HDD
- POSTSCRIPT® 3 (V. 3016), PCL® 6, PDF & JPEG/TIFF DIRECT PRINT** EMULATIONS
- GIGABIT ETHERNET NETWORK CONNECTION, USB 2.0 & PARALLEL INTERFACES
- 350 SHEET STANDARD INPUT, EXPANDABLE TO 1,850 SHEETS
- MEDIA SUPPORT UP TO 12.25" X 47.24"
- THICK STOCK SUPPORT UP TO 256 G/M²
- EXCEPTIONAL COLOR WITH SIMITRI POLYMERIZED TONER
- BUILT-IN AUTOMATIC ICC-BASED COLOR MATCHING
- CAMERA DIRECT PHOTO PRINTING VIA PICTBRIDGE-ENABLED USB 1.1 PORT
- REAL-TIME PRINTER MANAGEMENT VIA PAGESCOPE® SOFTWARE SUITE
- 120,000 PAGE MAXIMUM MONTHLY DUTY CYCLE MEANS RELIABILITY

EMPERON DRIVEN.
MORE THAN JUST HARDWARE, EMPERON IS AN ARCHITECTURE THAT DRIVES THE PRINTER'S PERFORMANCE, SIMPLICITY OF USE AND SATISFYING USER EXPERIENCE.



DO BUSINESS_BETTER



SECURE PRINTING. PROTECT DATA AND ENSURE DOCUMENTS MEANT FOR YOUR EYES ONLY STAY THAT WAY. SECURE PRINT MAKES IT POSSIBLE.



SPEED PLUS ALL THE EXTRAS

Fast—from 'click' to print. An Emperon Print System, powerful 733 MHz G4 processor and custom acceleration hardware manage print jobs efficiently—even from multiple users—to deliver its first B&W page in just 8.2 seconds, first color page in 11.4 seconds, and subsequent prints at 24.5 ppm.

Work team equipped. The magicolor 7450 II has PostScript 3 (v. 3016), PCL 6, PDF and JPEG/TIFF Direct Print emulations**, and includes TCP/IP, IPX/SPX, EtherTalk® and UDP protocols for seamless document printing and the latest in network security. With its Emperon 5.1 controller technology, the magicolor 7450 II supports diverse teams of Windows (including Windows 7 and Universal Printer Driver), Macintosh® and Linux® users.

CREATIVE FLEXIBILITY

Broad media sizes and types. Standard letter-sized documents. Spreadsheets on legal paper. Full-bleed tabloid designs with crop and registration marks. Banner posters. Postcards and envelopes. Custom creations. The printer includes a 250-sheet multipurpose cassette and 100-sheet manual feed tray that accepts thick stock up to 140 lb. Index. Add up to three 500-sheet cassettes for higher print traffic and to bring paper capacity to its maximum of 1,850 sheets.

*Based on letter/A4 page size

**HDD is required

PRECISION COLOR

Color you expect. The magicolor 7450 II features automatic and hands-on technologies—including a built-in ICC-based matching system—that allow you to get the results that match your expectations. The printer automatically maintains color consistency page after page with enhanced Automatic Image Density Control (eAIDC) smart calibration system.

Professional print quality. The magicolor 7450 II's 9600 x 600 dpi-class resolution generates true-to-life photographic detail, smooth color gradients, and highly saturated deep blacks using contone printing technology. The printer uses Simitri Polymerized Toner for exceptional results and durable prints that don't smear or fade.

Eco Vision 2050 is Konica Minolta's commitment to protect the environment—saving energy, preserving resources, promoting recycling, and reducing CO₂ emissions by 20% in 2015—and ultimately by 80% in 2050, to help sustain the environment for generations to come. Please visit our website to learn more about our environmental initiatives and our exclusive **Clean Planet Program**.

www.countonkonicaminolta.com



SUPERB COLOR QUALITY.
SIMITRI POLYMERIZED
TONER GIVES PRINTS
EXCEPTIONAL COLOR—
RICHER GRAPHICS,
SHARPER TEXT AND
LINES, SMOOTHER
GRADATIONS, SUPERIOR
IMAGES AND HALFTONE
REPRODUCTIONS.

FEATURES, OPTIONS & BENEFITS

Intuitive and easy. Front-door access to color-coded supplies makes replacement quick and simple. The printer's 4-line LCD display communicates toner levels and printer status clearly, and navigates you through the menu system step by step.

New creative tools. PDF 1.6* makes it possible to print transparent objects embedded in documents for true-to-life proofs. Image CMYK Gray feature prints non-text black objects using black toner rather than processed black (CMYK) for richer results. Select Thin Line Mode to print thin lines and small text for important details.

Prints—large and small. Supporting a wide range of media sizes, the magicolor 7450 II can print on custom media as small as 3.55" x 5.50", to 12.25" x 18" for full-bleed tabloid designs, and up to banner size of 12.25" x 47.24". Select N-up, booklet printing or poster printing in the driver, and customize output. Equip the printer with a duplex for automatic two-sided printing of reports, hand-outs and more.

Optional hard drive. Add a 40 GB HDD to store fonts and forms, direct print files and access secure print features.

Color choice. Simulate color you see on your monitor, printing press or other device via the user-friendly print driver. The magicolor 7450 II also includes SWOP, Commercial Press, Eurocolor, TOYO, DIC, and SNAP press emulations and PANTONE® Color tables for complete color control.

Up to 120,000 prints per month. The magicolor 7450 II can handle the load when print traffic is heavy with its maximum monthly duty cycle of 120,000 prints. Backed by a one-year on-site warranty, it's certified reliable.

Photos on the fly. Connect your PictBridge-compatible digital camera to the magicolor 7450 II and print photos in brilliant color. Choose index prints, multiple copies and N-up prints.

Internet printer management. Use your web browser and PageScope Web Connection, an embedded web server, to manage, configure and troubleshoot the printer from anywhere on the network.

Convenient PageScope Management. An entire software suite, PageScope lets users and administrators monitor and manage print jobs and devices—from the convenience of their workstation.



VERSATILE FEATURES

- 1 Front keypad provides intuitive graphical display with dynamic "help" functions and at-a-glance toner gauges.
- 2 100-sheet manual feed tray (standard) supports media to 12.25" x 47.24", up to a heavy 140 lb. Index (256 g/m²) for creative versatility.
- 3 250-sheet multipurpose cassette (standard) supports media to 12.25" x 18", up to 256 g/m².
- 4 500-sheet cassettes (optional) add up to three and bring paper to its maximum capacity of 1,850 sheets while eliminating frequent refilling. Load trays with different media for complete project flexibility.
- 5 Automatic duplexer (optional) for two-sided page printing, it also saves valuable paper resources as well as filling space.
- 6 Banner tray (optional) provides no-hands support of banner media (up to 10 sheets) up to 47.24" in length, ensuring it is fed properly into the printer.
- 7 Caster base (optional) includes rolling casters for printer mobility. It can be locked into place to ensure stability.
- 8 USB 1.1 Port (standard) supports camera direct photo printing via PictBridge technology.



magicolor



magicolor 7450 II

GENERAL SPECIFICATIONS

PRINTING PROCESS

PRINT METHOD:

Single-pass, large-format color laser

PRINT SPEED*:

24.5 ppm color, 24.5 ppm b&w

*Exact print speed differs depending on system configuration, software application, driver and document complexity.

WARM-UP TIME:

99 seconds or less

FIRST-PAGE OUTPUT TIME:

Color: 11.4 seconds

Monochrome: 8.2 seconds

RESOLUTION:

9600 x 600 dpi-class with PhotoART

RECOMMENDED MONTHLY DUTY CYCLE:

120,000 prints

HARDWARE AND SOFTWARE CAPABILITIES

PROCESSOR:

733 MHz G4 PowerPC® 7447A

MEMORY:

256 MB DDR SDRAM

Upgradeable to 1,024 MB

HARD DISK DRIVE (optional)*:

40 GB

*For downloaded fonts, forms and color profiles; electronic collation; job accounting; direct PDF, JPEG and TIFF printing; proof then print; secured job, print and hold, and stored job functions.

OPERATING SYSTEM COMPATIBILITY:

Windows Vista

Windows Vista x64

Windows Server 2003

Windows Server 2003 x64

Windows XP

Windows XP x64

Windows 2000

Windows 7

Windows 7 x64

Windows Universal Printer Driver

Macintosh OS 9 (v9.1+)

Macintosh OS X (v10.2+)

Macintosh OS X (v10.5+)

Linux Red Hat 9

Linux SuSE 8.2

PRINTER EMULATIONS:

PostScript 3 (v.3016)

Universal PostScript 3

PCL 6

Universal PCL 6

PCL XL (3.0)

PDF 1.6*

JPEG/TIFF Direct Print*

*Requires optional Hard Drive

CAMERA DIRECT PHOTO PRINTING:

PictBridge™ 1.0 via USB 1.1 Host Port

PRINTER MANAGEMENT:

PageScope Net Care

PageScope Web Connection

PageScope Network Setup

PageScope EMS Plug-ins

Tivoli NetView (2.0)

CA Unicenter 2.0

HP OpenView

Microsoft Management Console (MMC)

PageScope Plug and Print

PageScope NDPS Gateway

PageScope Direct Print

Status Monitor

Download Manager

COLOR SUPPORT:

Enhanced Automatic Image Density Control (eAIDC)

ICC device profiles

Automatic ICC-based color matching

SWOP, Commercial Press, EuroColor®, DIC,

SNAP and TOYO® press emulations

PANTONE® Color Tables

INTERFACE SUPPORT

Gigabit Ethernet (10/100/1000BaseTX)

IEEE 1284 Parallel (supports Microsoft

'Plug and Play')

USB 2.0 (supports Microsoft 'Plug and Play')

USB 1.1 Host Port*

*For Camera Direct Photo Printing

PROTOCOLS:

TCP/IP

EtherTalk

IPX/SPX (NetWare 4/5/6), NDS Bindery, NDPS

ARP, Ping/ARP

DHCP, AutoIP, BOOTP

FTP

HTTP, HTTPS

IPP1.1

LPD

NetBEUI

SLP

SMB

SMTP

SNMP

TCP/IP socket

Telnet

UDP

UPnP

PAPER HANDLING

STANDARD PAPER INPUT:

250-sheet multipurpose cassette

100-sheet manual feed tray

OPTIONAL PAPER INPUT:

500-sheet cassette (add up to 3)

Banner tray

STANDARD PAPER OUTPUT:

350-sheet face-down output tray

OPTIONAL AUTOMATIC DUPLEXER:

For two-sided printing (plain paper only)

PAPER SIZES SUPPORTED*:

250-sheet multipurpose cassette (standard):

Letter

Legal

Ledger

4" x 6"

12" x 18"

Executive

Folio

Govt. Letter

Govt. Legal

UK Quarto

SP Folio

Statement

A3, A4, A5, A6

B4, B5, B6

Custom sizes:

(W) 3.55"-12.25" to (L) 5.5"-18"

(W) 90-311 mm to (L) 140-457 mm

Envelopes: Monarch, Com10, DL, B5 (ISO), C5

Postcards: Double

100-sheet manual feed tray (standard):

Same as multipurpose cassette plus

custom sizes:

(W) 3.55"-12.25" to (L) 5.5"-47.24"

(W) 90-311 mm to (L) 140-1200 mm

500-sheet cassette (optional):

Letter

Legal

Ledger

Executive

Govt. Letter

Govt. Legal

Statement

A3, A4, A5

B4, B5

Duplexer (optional):

Letter

Legal

Ledger

12" x 18"

Executive

Folio

Govt. Letter

Govt. Legal

UK Quarto

SP Folio

Statement

A3, A4, A5, A6

B4, B5

Custom sizes:

(W) 3.55"-12.25" to (L) 5.5"-18"

(W) 90-311 mm to (L) 140-457 mm

*See Konica Minolta Media Guide for more information

HUMIDITY:

Operating: 15% to 85% RH

Non-operating: 10% to 85% RH

NOISE LEVELS:

Operating: ≤52 dB(A)

Standby: ≤40 dB(A)

REGULATORY/SAFETY CONFORMITY:

UL

cUL

CSA

FCC-B

CDRH

DOC

SASO

RPC

CONSUMABLES*:

In-Box Toner-Cyan, Magenta, Yellow, Black (yield up to 3,000 pages @ 5% coverage)

Replacement Toner-

Cyan, Magenta, Yellow (yield up to 12,000 pages @ 5% coverage)

Black (yields up to 15,000 pages @ 5% coverage)

Imaging Units-

Cyan, Magenta, Yellow (yield up to 30,000 pages)

Black (yields up to 50,000 pages)

Waste Toner Box

*The stated life expectancy of each consumable is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage of letter/A4). The actual consumable's life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, and ambient temperature and humidity.

TYPEFACES:

137 resident PostScript fonts

93 PCL fonts

10 line printer fonts

WARRANTY:

1-year on-site

magicolor



Simitri HD

High Definition Polymerized Toner

PAGESCOPE



Office imagery courtesy of Knoll, Inc.

© 2011 KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Konica Minolta is a trademark of KONICA MINOLTA HOLDINGS, INC. The essentials of imaging is a registered trademark of KONICA MINOLTA HOLDINGS, INC. Emperon, magicolor and PageScope are registered trademarks of KONICA MINOLTA BUSINESS TECHNOLOGIES, INC. Simitri is a registered trademark of KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC. All other brands and product names are registered trademarks or trademarks of their respective owners.

Design and specifications are subject to change without notice.



KONICA MINOLTA

KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC.

100 Williams Drive

Ramsey, NJ 07446

www.kmbs.konicaminolta.us

www.kmbs.konicaminolta.us/solutions